

Weekly Report

Yuxin Ma

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Projects

Deep Learning for Visualization

- On Friday I discussed with Wang Wei about the current progress of this project. He suggested that we can continue on the following directions:
 - Scatterplots (relatively easy to acquire training data);
 - Flow (need corporation with domain experts).

For the topics on graph visualization, he mentioned that:

- For the graph layout problem, it is difficult to form it into a classification form which needs further discussion;
- For graph pattern recognition based on the visualization results, a proper diagnostic method that is similar to *scagnostics* or *magnostics* is necessary to be proposed first to define the possible classes before performing any recognition procedure.

Visual SVM Project

This week I started to make a draft of the paper.

Plan for the Next Week

- Propose a idea report on scatterplots on Monday;
- Continue writing the paper draft.